

UNITED STATES PATENT AND TRADEMARK OFFICE
(Case No. 99,818)

PATENT

A3
IDS
1/8/02

IN THE APPLICATION OF:

Vogel et al.

Serial No. 09/538,342

Filed: March 29, 2000

Title Method For Improved Cable Modem
Ranging In A Data-Over-Cable
System

Examiner: To Be Advised

Group Art Unit: 2711

BOX DD
Commissioner for Patents
Washington, D.C. 20231

Sir:

TRANSMITTAL LETTER

In regard to the above identified application:

1. We are transmitting herewith the attached:

- a. Supplemental Information Disclosure Statement;
- b. Supplemental Form PTO-1449;
- c. Copy of IDS Citations 09/538,342 (76 references);
- d. Return Receipt Postcard.


2. With respect to additional fees:

☒ No additional fee is required.

3. Please charge any additional fees or credit overpayment to Deposit Account No.13-2490. A duplicate copy of this sheet is enclosed.

4. CERTIFICATE OF MAILING UNDER 37 CFR § 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described in paragraph 1 hereinabove, are being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Box DD, Washington, D.C. 20231 on this 19th day of December, 2001.

By:


Timothy R. Baumann
Reg. No. 40,502

McDONNELL BOEHNEN,
HULBERT & BERGHOFF
300 SOUTH WACKER DRIVE
CHICAGO, ILLINOIS 60606
TELEPHONE (312) 913-0001

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

BOX DD
Commissioner for Patents
Washington, D.C. 20231-9999

Dear Sir:

Pursuant to the duty of disclosure provided by 35 C.F.R. § 1.56 and §§ 1.97-98, the applicants wish to make the following references of record in the above-identified application. Copies of the references are enclosed. Copies are also listed in the PTO-1449 form enclosed herewith. It is requested that the documents be given careful consideration and that they be cited of record in the prosecution history of the present application so that they will appear on the face of the patent issuing from the present application.

Portions of the references may be material to the examination of the pending claims, however no such admission is intended. 37 C.F.R. 1.97 (h). The references have not been reviewed in sufficient detail to make any other representation and, in particular, no representation is intended as to the relative importance of any portion of the

references. This Statement is not a representation that the cited references have effective dates early enough to be "prior art" within the meaning of 35 U.S.C. sections 102 or 103.

CITED REFERENCES

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Document Number	Date	Name	Class	Sub Class	Filing Date of App.
4,644,533	02/17/1997	Braff et al.	370	94	05/06/1985
4,881,263	11/14/1989	Herbison et al.	380	21	09/25/1987
4,996,685	02/26/1991	Farese et al.	370	58.1	04/10/1989
5,301,273	04/05/1994	Konishi	395	200	06/18/1991
5,430,727	07/04/1995	Callon	370	85.13	05/19/1994
5,598,410	01/28/1997	Stone	370	469	12/29/1994
5,610,910	03/11/1997	Focsaneanu et al.	370	351	08/17/1995
5,675,742	10/07/1997	Jain et al.	395	200	06/26/1995
5,708,654	01/13/1998	Arndt et al.	370	242	11/27/1996
5,724,510	03/03/1998	Arndt et al.	395	200.5	09/06/1996
5,790,770	08/04/1998	McClure et al.	395	200.61	07/18/1996
5,790,806	08/04/1998	Koperda	395	200.82	04/03/1996
5,793,747	08/11/1998	Kline	370	230	03/14/1996
5,809,252	09/15/1998	Beighe et al.	395	200.57	12/13/1996
5,819,028	10/06/1998	Manghirmalani et al.	395	185.1	04/16/1997
5,828,666	10/27/1998	Focsaneanu et al.	370	389	03/06/1997
5,835,720	11/10/1998	Nelson et al.	395	200.54	05/17/1996
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5,852,721	12/22/1998	Dillon et al.	395	200.47	02/07/1997
5,894,479	04/13/1999	Mohammed	370	401	12/10/1996
5,903,558	05/11/1999	Jones et al.	370	351	06/28/1996
5,909,549	06/01/1999	Compliment et al.	709	223	11/12/1996
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5,915,119	06/22/1999	Cone	395	750.02	10/01/1996
5,922,051	07/13/1999	Sidey	709	223	05/14/1997
5,943,604	08/24/1999	Chen et al.	455	5.1	10/31/1997
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5,991,306	11/23/1999	Burns et al.	370	429	08/26/1996
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6,006,264	12/21/1999	Colby et al.	709	226	03/30/1998
6,014,545	01/11/2000	Wu et al.	455	3.1	03/27/1997
6,031,841	02/29/2000	Woundy	370	410	12/23/1997
6,041,041	03/21/2000	Ramanathan et al.	370	241	04/15/1997
6,049,546	04/11/2000	Ramakrishnan	370	412	10/15/1996
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6,091,709	07/18/2000	Harrison et al.	370	235	11/25/1997
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6,130,879	10/10/2000	Liu	370	230	09/22/1997
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6,137,793	10/24/2000	Gorman et al.	370	360	12/05/1997
6,148,410	11/14/2000	Naskey et al.	714	4	09/15/1997
6,157,965	12/05/2000	Mohammed et al.	710	8	02/27/1998
6,170,061	01/02/2001	Beser	713	201	02/04/1998
6,178,455	01/23/2001	Schuttte et al.	709	228	04/11/1997
6,185,624	02/06/2001	Fijolek et al.	709	239	02/04/1998
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6,269,099	07/31/2001	Borella et al.	370	389	07/01/1998
6,272,150	08/07/2001	Hrastar	370	486	05/05/1997
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6,295,554	09/25/2001	Karadogan et al.	709	219	05/27/1998

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Citation
Kyees et al., "ADSL: A New Twisted-Pair Access To The Information Highway", IEEE Communication Magazine, Vol. 33, Issue 4, April 1995, pages 52-60.
Huang et al., "Design Of An MPEG-Based Set-Top Box For Video On Demand Services, Acoustics, Speech, And Signal Processing", 1995 International Conference, ICASSP-95, Vol. 4, ISBN:0-7803-2431-5, May 9-12, 1995, pages 2655-2658.

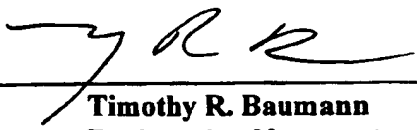
Citation

"A Solution For The Priority Queue Problem Of Deadline-Ordered Service Disciplines",
N.R. Figueira, IEEE International Conference On Computer Communications And
Networks, September 22-25, 1997, pages 320-325.

Respectfully submitted,

McDonnell Boehnen Hulbert & Berghoff

Date: 12/19/01

By: 
Timothy R. Baumann
Registration No. 40,502

Form PTO-1449 (modified)		Atty. Docket No. 99,818	Serial No. 09/538,342
List of Patents and Publications for Applicant's SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant Vogel et al.	
		Filing Date: 03/29/2000	Group: 2711
U.S. Patent Documents <i>See Page 1</i>	Foreign Patent Documents <i>See Page 4</i>	Other Art <i>See Page 4</i>	

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	A1	4,644,533	02/17/1997	Braff et al.	370	94	05/06/1985
	A2	4,881,263	11/14/1989	Herbison et al.	380	21	09/25/1987
	A3	4,996,685	02/26/1991	Farese et al.	370	58.1	04/10/1989
	A4	5,301,273	04/05/1994	Konishi	395	200	06/18/1991
	A5	5,430,727	07/04/1995	Callon	370	85.13	05/19/1994
	A6	5,598,410	01/28/1997	Stone	370	469	12/29/1994
	A7	5,610,910	03/11/1997	Focsaneanu et al.	370	351	08/17/1995
	A8	5,675,742	10/07/1997	Jain et al.	395	200	06/26/1995
	A9	5,708,654	01/13/1998	Arndt et al.	370	242	11/27/1996
	A10	5,724,510	03/03/1998	Arndt et al.	395	200.5	09/06/1996
	A11	5,790,770	08/04/1998	McClure et al.	395	200.61	07/18/1996
	A12	5,790,806	08/04/1998	Koperda	395	200.82	04/03/1996
	A13	5,793,747	08/11/1998	Kline	370	230	03/14/1996
	A14	5,809,252	09/15/1998	Beighe et al.	395	200.57	12/13/1996
	A15	5,819,028	10/06/1998	Manghirmalani et al.	395	185.1	04/16/1997
	A16	5,828,666	10/27/1998	Focsaneanu et al.	370	389	03/06/1997
	A17	5,835,720	11/10/1998	Nelson et al.	395	200.54	05/17/1996
	A18	5,841,777	11/24/1998	Cohen	370	433	08/30/1996
	A19	5,852,721	12/22/1998	Dillon et al.	395	200.47	02/07/1997
	A20	5,894,479	04/13/1999	Mohammed	370	401	12/10/1996
	A21	5,903,558	05/11/1999	Jones et al.	370	351	06/28/1996

EXAMINER:

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EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

INFORMATION DISCLOSURE STATEMENT — PTO-1449 (MODIFIED)

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	A23	5,913,037	06/15/1999	Spofford et al.	395	200.56	07/03/1996
	A24	5,915,119	06/22/1999	Cone	395	750.02	10/01/1996
	A25	5,922,051	07/13/1999	Sidey	709	223	05/14/1997
	A26	5,943,604	08/24/1999	Chen et al.	455	5.1	10/31/1997
	A27	5,954,797	09/21/1999	Sidey	709	223	05/14/1997
	A28	5,982,748	11/09/1999	Yin et al.	370	232	10/03/1996
	A29	5,987,524	11/16/1999	Yoshida et al.	709	245	09/30/1997
	A30	5,991,292	11/23/1999	Focsaneanu et al.	370	352	03/06/1997
	A31	5,991,306	11/23/1999	Burns et al.	370	429	08/26/1996
	A32	5,999,536	12/07/1999	Kawafuji et al.	370	401	11/24/1997
	A33	6,003,077	12/14/1999	Bawden et al.	709	223	09/15/1997
	A34	6,005,851	12/21/1999	Craddock et al.	370	329	10/10/1997
	A35	6,006,264	12/21/1999	Colby et al.	709	226	03/30/1998
	A36	6,014,545	01/11/2000	Wu et al.	455	3.1	03/27/1997
	A37	6,031,841	02/29/2000	Woundy	370	410	12/23/1997
	A38	6,041,041	03/21/2000	Ramanathan et al.	370	241	04/15/1997
	A39	6,049,546	04/11/2000	Ramakrishnan	370	412	10/15/1996
	A40	6,049,825	04/11/2000	Yamamoto	709	221	12/15/1997
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	A42	6,061,349	05/09/2000	Coile et al.	370	389	05/02/1997

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	A45	6,070,242	05/30/2000	Wong et al.	713	201	12/09/1996
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	A48	6,091,709	07/18/2000	Harrison et al.	370	235	11/25/1997
	A49	6,094,431	07/25/2000	Yamato et al.	370	395	11/29/1996
	A50	6,104,700	08/15/2000	Haddock et al.	370	235	02/03/1998
	A51	6,112,258	08/29/2000	Miller et al.	710	19	03/19/1998
	A52	6,122,254	09/19/2000	Aydemir et al.	370	235	11/25/1997
	A53	6,128,298	10/03/2000	Wootton et al.	370	392	10/03/2000
	A54	6,130,879	10/10/2000	Liu	370	230	09/22/1997
	A55	6,130,880	10/10/2000	Naudus et al.	370	235	03/20/1998
	A56	6,137,792	10/24/2000	Jonas et al.	370	354	06/14/1996
	A57	6,137,793	10/24/2000	Gorman et al.	370	360	12/05/1997
	A58	6,148,410	11/14/2000	Naskey et al.	714	4	09/15/1997
	A59	6,157,965	12/05/2000	Mohammed et al.	710	8	02/27/1998
	A60	6,170,061	01/02/2001	Beser	713	201	02/04/1998
	A61	6,178,455	01/23/2001	Schuttte et al.	709	228	04/11/1997
	A62	6,185,624	02/06/2001	Fijolek et al.	709	239	02/04/1998
	A63	6,189,102	02/13/2001	Beser	713	201	05/27/1998
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	A65	6,212,563	04/03/2001	Beser	709	227	10/01/1998
	A66	6,216,171	04/10/2001	Isono et al.	709	250	02/11/1998
	A67	6,223,222	04/24/2001	Fijolek et al.	709	227	05/14/1998
	A68	6,240,464	05/29/2001	Fijolek et al.	709	250	02/04/1998
	A69	6,260,072	07/10/2001	Rodriguez-Moral	709	241	06/12/1997
	A70	6,269,099	07/31/2001	Borella et al.	370	389	07/01/1998
	A71	6,272,150	08/07/2001	Hrastar	370	486	05/05/1997
	A72	6,275,853	08/14/2001	Beser et al.	709	223	05/27/1998
	A73	6,295,554	09/25/2001	Karadogan et al.	709	219	05/27/1998

Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
	B1						
	B2						
	B3						
	B4						
	B5						

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C1	Kyees et al., "ADSL: A New Twisted-Pair Access To The Information Highway", IEEE Communication Magazine, Vol. 33, Issue 4, April 1995, pages 52-60.

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Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C2	Huang et al., "Design Of An MPEG-Based Set-Top Box For Video On Demand Services, Acoustics, Speech, And Signal Processing", 1995 International Conference, ICASSP-95, Vol. 4, ISBN:0-7803-2431-5, May 9-12, 1995, pages 2655-2658.
	C3	"A Solution For The Priority Queue Problem Of Deadline-Ordered Service Disciplines", N.R. Figueira, IEEE International Conference On Computer Communications And Networks, September 22-25, 1997, pages 320-325.
	C4	
	C5	
	C6	
	C7	
	C8	
	C9	

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